

Title (en)

Cooking appliance including glass composition

Title (de)

Kochgerät umfassend eine Glaszusammensetzung

Title (fr)

Appareil de cuisson comprenant une composition de verre

Publication

EP 2662341 B1 20161130 (EN)

Application

EP 13167262 A 20130510

Priority

KR 20120049528 A 20120510

Abstract (en)

[origin: EP2662341A1] Provided are a glass composition, preparation method thereof, and cooking appliance including the glass composition. The glass composition includes a glass frit containing P₂O₅, a Group I-based oxide, and a Group III-based oxide. The Group I-based oxide is selected from Na₂O, K₂O, and Li₂O, the Group III-based oxide is selected from Al₂O₃ and B₂O₃, and the glass frit contains about 40 wt% to about 75 wt% of P₂O₅.

IPC 8 full level

C03C 17/04 (2006.01)

CPC (source: EP KR US)

A21B 1/00 (2013.01 - KR); **C03C 3/21** (2013.01 - EP US); **C03C 8/08** (2013.01 - EP KR US); **C03C 17/04** (2013.01 - EP US); **F24C 15/005** (2013.01 - EP US); **C03C 2207/04** (2013.01 - EP US); **Y10T 428/2982** (2015.01 - EP US)

Cited by

CN104106983A; CN111606571A; US12006257B2; EP3763684A1; US11274060B2; US11292743B2; US11780766B2; US11773007B2; US11396472B2; US11479500B2; US11261124B2; US11401201B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2662341 A1 20131113; **EP 2662341 B1 20161130**; ES 2615529 T3 20170607; KR 101476500 B1 20141224; KR 20130125907 A 20131120; PL 2662341 T3 20170929; US 2013299483 A1 20131114; US 9302932 B2 20160405

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